

Yao Luo

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EDUCATION

- Ph.D. Economics, Pennsylvania State University, 2013
- M.A. Economics, Shanghai University of Finance and Economics, 2008
- B.A. Economics and B.S. Mathematics, Wuhan University, 2006

EMPLOYMENT

Assistant Professor, Department of Economics, University of Toronto, 2013-present

RESEARCH FIELDS

Industrial Organization, Applied Microeconometrics

PAPERS

Publications

7. "A Robust Approach to Estimating Production Functions: Replication of the ACF Procedure," with K. Kim and Y. Su, 2018, Accepted at *Journal of Applied Econometrics*
6. "Structural Analysis of Nonlinear Pricing," with I. Perrigne and Q. Vuong, *Journal of Political Economy*, Vol 126 (6), 2018
5. "Identification of Participation Constraints in Contracts," *Economics Letters*, Vol 173, 2018
4. "Auctions with Ex Post Uncertainty," with I. Perrigne and Q. Vuong, *RAND Journal of Economics*, Vol 49 (3), 2018
3. "Integrated-Quantile-Based Estimation for First Price Auction Models," with Y. Wan, *Journal of Business & Economic Statistics*, Vol 36 (1), 2018
2. "A Nonparametric Test for Comparing Valuation Distributions in First-Price Auctions," with N. Liu, *International Economic Review*, Vol 58 (3), 2017
1. "An MPEC Estimator for Misclassification Models," with R. Lu and R. Xiao, *Economics Letters*, Vol 125 (2), 2014

Working Papers

Bundling and Nonlinear Pricing:

"Estimating the Demand for Service Bundles under Three-Part Tariffs," with L. Chen and P. Xiao, 2018 [R&R at *Journal of Industrial Economics*]

"Bundling and Nonlinear Pricing in Telecommunications," 2018

"Multiproduct Nonlinear Pricing: Mobile Voice Service and SMS," with I. Perrigne and Q. Vuong, 2017

"Identification of Network Effects Using All The Economics," with L. Chen, 2013

Auctions:

“Identification of Auction Models Using Order Statistics,” with R. Xiao, 2018

“Nonparametric Identification of First-Price Auction with Unobserved Competition: A Density Discontinuity Framework,” with E. Guerre, 2018

“Bidding for Contracts under Uncertain Demand: Skewed Bidding and Risk Sharing,” with H. Takahashi, 2018

“Unobserved Heterogeneity in Auctions under Restricted Stochastic Dominance,” 2018 [2nd R&R at [Journal of Econometrics](#)]

Structural Econometric Modeling:

“Identification of Dynamic Games with Unobserved Heterogeneity and Multiple Equilibria: Global Fast Food Chains in China,” with P. Xiao and R. Xiao, 2018

“Sufficient Statistics for Unobserved Heterogeneity in Structural Dynamic Logit Models,” with V. Aguirregabiria and J. Gu, 2018 [R&R at [Journal of Econometrics](#)]

“Subjective or Objective? Nonparametric Estimation Of Misreporting and Mis-assessment in Corporate Credit Rating,” with R. Lu and R. Xiao, 2013

Chinese Economy:

“Ownership and Productivity in Vertically-Integrated Firms: Evidence from the Chinese Steel Industry,” with L. Brandt, F. Jiang, and Y. Su, 2018 [R&R at [Review of Economics and Statistics](#)]

“Great and Small Walls of China: Distance & Chinese E-Commerce,” with L. Chen and G. Johnson, 2015

TEACHING EXPERIENCE

Industrial Organization I (G), fall 2016 - fall 2018

Empirical Applications of Economic Theory (UG), fall 2013 - fall 2018

Topics in Econometrics (G, econometrics group at UofT), winter 2016 - winter 2017

Graduate Research Seminar (G, joint with C. Pitchik), fall 2016

Markets, Competition, and Strategy (UG), fall 2014, fall 2015

Managerial Economics I: Competitive Strategy (UG), fall 2013

Econometrics (UG), summer 2010

Teaching Assistant, Econometrics (G), 2009-2010; Intermediate Macroeconomics (UG), 2008-2009

Supervise UG Research Projects:

Y. Fu (2017 University of Toronto Excellence Awards, CAD 6K), Y. Luo (2018 University of Toronto Excellence Awards, CAD 6K), H. Chen (2018 University of Toronto Excellence Awards, CAD 6K)

GRANTS, AWARDS AND FELLOWSHIPS

SSHRC Insight Grant (as PI, with Co-PI: K. Kroft), CAD 162K, 2018-2021

SSHRC Insight Development Grant (as Co-PI, with PI: Y. Wang), CAD 48K, 2018-2020

SSHRC Insight Development Grant, CAD 35K, 2016-2018

Connaught New Researcher Award, University of Toronto, CAD 10K, 2016-2018

NET Institute Summer Research Grant (with L. Chen and G. Johnson), USD 3K, 2015

Faculty of Arts and Science Bridge Funding, University of Toronto, 2014-2016

NET Institute Summer Research Grant, USD 4.5K, 2011

Robert C. Daniels Graduate Fellowship, 2012-2013; Bates White Fellowship, 2010 - 2011

PROFESSIONAL ACTIVITIES

Presentations

2018: ASSA (discussant), CESG 2018

2017: ASSA, University of Waterloo, University of Tokyo, Hitotsubashi University, IIOC (Boston), CRES Empirical Microeconomics Conference, Tsinghua University, China Meeting of the Econometric Society (Wuhan), SUFE IO mini conference

2016: Chinese University of Hong Kong, IIOC (Philadelphia), Zhongnan University, CASS (Institute of Quantitative & Technical Economics), Tsinghua University, Shanghai Workshop of Econometrics, Shandong University, CESG 2016 (London, ON), Michigan State University, Drexel University

2015: Nanjing University, 2nd CEC (Nanjing), Wuhan University, Zhongnan University, Econometric Society 2015 World Congress (Montreal), CESG 2015 (Guelph)

2014: New York University, CASS (Institute of Industrial Economics, Institute of Quantitative & Technical Economics), China Meeting of the Econometric Society (Xiamen), European meeting of the Econometric Society (Toulouse)

2013: University of Utah, University of Toronto, Ryerson University, Hong Kong University of Science and Technology, Singapore Management University, National University of Singapore, Boston University, IIOC, Econometric Society North American Summer Meeting, Rice University, Southern Economic Association 83rd Annual Meetings, 9th Greater New York Metropolitan Area Econometrics Colloquium, Shanghai University of Finance and Economics

2012: University of Montreal, 8th CIREQ Ph.D. Students' Conference, Econometric Society North American Summer Meeting, Stanford Institute for Theoretical Economics (SITE) Summer Workshop

Referee Services

Journal of Industrial Economics, International Journal of Industrial Organization, Journal of Econometrics, Quantitative Economics, Empirical Economics, Journal of Economic Behavior & Organization, Review of Economics and Statistics, Marketing Science, Economics Letters, Journal of Political Economy